

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **08038934 A**

(43) Date of publication of application: **13 . 02 . 96**

(51) Int. Cl

B03C 3/28
B01D 46/00
B01D 53/32
B03C 1/00
B03C 3/60

(21) Application number: **06195981**

(22) Date of filing: **27 . 07 . 94**

(71) Applicant: **KO HIROSHI NANAKUBO**
SEIMITSU KOGYO:KK

(72) Inventor: **KO HIROSHI**
KAWAI TOSHIRO
KAMAKURA SHUICHI

(54) **AIR CLEANER**

COPYRIGHT: (C)1996,JPO

(57) Abstract:

PURPOSE: To obtain a small-sized, lightweight and inexpensive air cleaner without using any fluorocarbon and with no need for a high voltage generator, etc., by forming the air cleaner from a filter for filtering off the contaminant of compressed air and the mixture of the material radiating a line of magnetic force an far IR, and an electret powder.

CONSTITUTION: The air cleaning unit 1 consists of a filter 2, the mixture 3 of a material radiating a line of magnetic force and far IR and an electric polarization material radiating a line of electric force, and a filter 4. Compressed air introduced from the filter 2 of the unit 1 is passed through the mixture 3, and the reformed compressed air is discharged from the filter 4. The filter 2 is used to remove large dust, and a mechanical filter is mainly used. The pulverized ferromagnetic body is used as the magnetic powder material of the mixture 3, a ceramic powder is used for the far IR radiator, and the mixture with an electret powder is used for the electric polarization material.

